

Application No. 10/051,390
Amendment dated February 27, 2004
Response to Office Action dated August 27, 2003

AMENDMENTS TO THE SPECIFICATION:

Please add the following new paragraph after paragraph [0010]:

[0010.1] Figure 2 shows a flow chart illustrating the operation of the airbag system of the present invention.

Please replace paragraph [0012] with the following amended paragraph:

[0012] Figure 1 schematically shows the deployment arrangement 2 of an airbag system 1, and Figure 2 illustrates the operation of the airbag system. The airbag system 1 conventionally has a folded airbag, not shown, in a vehicle-side housing 3 indicated by dashed lines. Secured in the housing is a deployment unit 4, which contains two separate chambers 5 and 6 for a respective propellant charge. The first chamber 5 can be deployed or ignited by way of a first ignition element 7, and the second chamber 6 can be deployed by way of a second ignition element 8, independently of an ignition of the first chamber 5. Each chamber 5, 6 has respective blowout openings 9 and 10.

Please replace paragraph [0015] with the following amended paragraph:

[0015] The vehicle contains further sensors (not shown in detail) that detect variables associated with the passenger or the seats. One of such variables, for example, is the seat setting that is indicative of the sitting position and therefore the type of person. In other words, they detect whether the passenger is large or small. The sensors further detect a weight signal, i.e., whether the person is heavy or ~~lightweight~~ light in weight, and particularly whether a person is occupying the seat, and other such person-specific variables. A corresponding signal 15 is essentially transmitted to the deployment control device 11.

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